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Early Spring 2003

American Society of Parasitologists

NEWSLETTER



Released on the ASP web-server [<http://asp.unl.edu>]

February 26, 2003

From the *Editor* of the Newsletter

The ASP newsletter accepts information and news of a parasitological nature from all disciplines. Please assist me in making the content of the ASP newsletter highly relevant. As the web site evolves, the newsletter and the web site will become rather similar. With material being posted to the web site as it comes in to this office. We will continue to publish the newsletter at quarterly intervals, and as before, if any of you need a copy in printed format, just send me a note, and we will get a grayscale copy sent off to you via snail mail. Please continue to send contributions to the newsletter in the form of articles, announcements, job ads, and parasitological poetry. If any of you have ideas for the newsletter, let me know!

Scott L. Gardner, Curator

Harold W. Manter Laboratory of Parasitology

University of Nebraska State Museum

Message from the President of the American Society of Parasitologists,

First, I would like to say that I consider being elected to guide your Society a great honor, and I hope I can meet your expectations and deserve the confidence you have in me. Second, parasitology certainly is not dead!

This exciting, even though often gloomy, period provides incredible national and international opportunities for our Society to face the many

Contents

From the Editor	1
Message from the ASP President	1
Campbell Elected	4
Letter from Marty Apple	5
Open letter to members . . .	11
Henry Baldwin Ward Medal Nominations Sought	12
Positions Available	13
ASP Committees	15
Parasitology Course	23
NEEC	23
ICOPA X Proceedings	24
Publications	26
Helminthological Society of Washington Spring Conference	26
Parasitology for Teachers . .	27



new and critical research obligations. The ability to defend against the growing global threat of bioterrorism and to create and shape future biodefense research ranks high among these obligations. A great need exists to supply an ability to detect, diagnose, disrupt, detour, and doctor potential agents. Innovative approaches by our members and potential members in various disciplines can provide means to tackle many of those expectations. These include an increased and useful understanding of 1) pathogenesis of agents and interactions with the host, 2) the immune system and the role it plays in host defense, and 3) diagnostics, drugs, and vaccines as countermeasures.

Maintaining public health also faces new challenges. With the increasing worldwide spread of disease associated with a compromised immune system, parasites that were once considered rare or not involving humans are now infecting and affecting people. If that is not a call for more parasitologists, more dissemination of parasitological information, more techniques and products to diagnose, treat, and manage associated diseases, what is? I hope that our national needs will not have to require members to survey and assess parasitic infections in military troops and the associated vectors abroad. Nevertheless, the many talents and measures, including recent advances in molecular tools and data management, necessary to accomplish these many activities involving human health also are necessary to handle parasitic diseases in both domestic and wild animals.

Domestic animals and animals for display, with their numbers continuously increasing to meet present needs, plus the associated products of these animals are being transported all over the world. With such transportation comes the potential for spread of numerous disease-causing agents and for those agents to infect new hosts. Wild animals become pawns in such spread. In conjunction with our anthropogenically-altered environments on

one hand and protection of specific component species on the other, many wild animals become hosts for new and unrecognized diseases. Some of the agents can decimate host populations or otherwise influence environmental health. It takes a parasitologist or someone getting information from a parasitologist to provide the tools necessary to manage properly wild core and satellite host populations, with their associated parasitic faunas. Attention is just being given to the need to have people capable of assessing imports, both in North America and abroad. Remember that hosts comprise more than cattle, sheep, pigs, chickens, and zoo mammals; they include birds, shrimp, insects, and much more. One can often obtain live or frozen fish from the Southeast Pacific Ocean quicker than one can get mail from an adjacent state!

Let us also not forget the need to assess biodiversity of parasites in North America, in tropical rainforests, in ocean depths, in any nook and cranny. This information has incredible uses and importance. How can one better understand a host's migration, stock composition, diet, and ability to tolerate foreign agents than to understand its parasites, marvelous indicators of these activities and conditions? Parasites are also able to express human evolution and habits as well as those of other animal hosts. Moreover, since parasites comprise over 50% of the earth's fauna, an understanding of their biodiversity should be an end in itself.

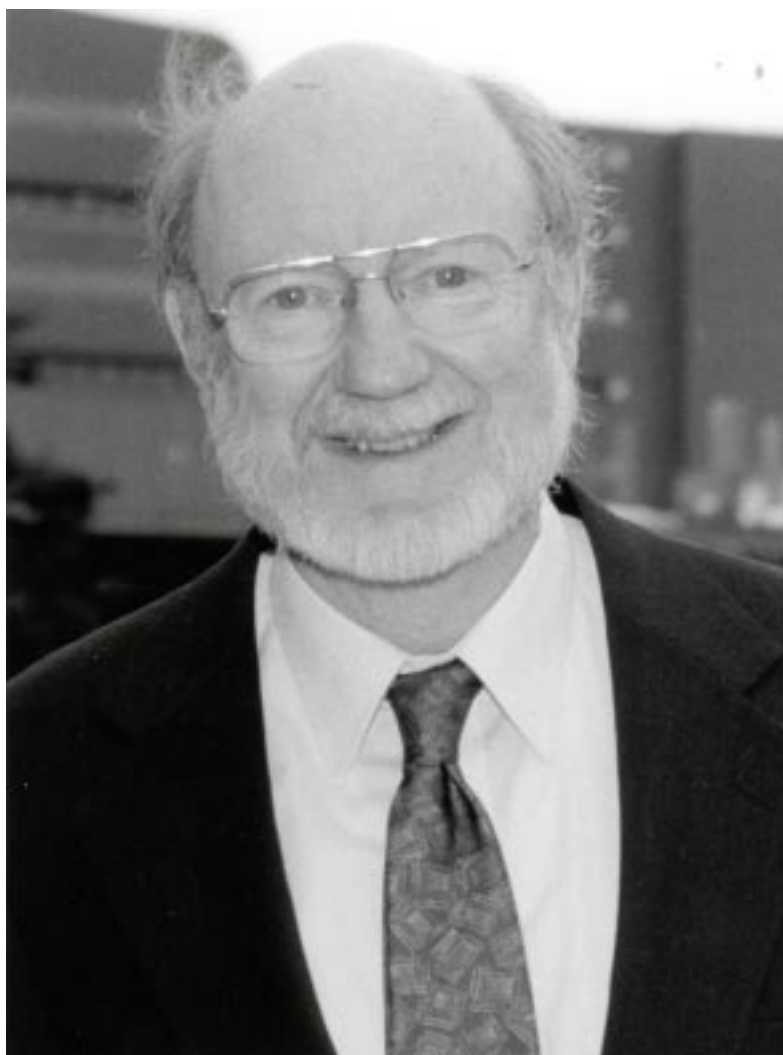
After a period of scant funding, our members may now be in a position to obtain considerable funding and solve many of those timely problems. They can take advantage of numerous opportunities from Federal and state/province agencies as well as industry and foundation sources. Often obtaining such funds necessitates the need for parasitologists to be part of a large multidisciplinary group. Consequently, you should join in with your colleagues and supervisors down the hall, across the city, at other facilities, and even across an ocean. Without such cooperation of partners in other disciplines and fields, most of the available funds are not really available.

Should not the above noted needs encourage students to become parasitologists and should not academic, industrial, governmental, and other parties hire or contract parasitologists? Our goals for ASP include achieving these by attracting new members, maintaining old ones, making meetings and communication among members more user-friendly, and acquiring and disseminating scientific information nationally and internationally through our exceptional journal and other means. I wish to thank the many members in helping me institute, activate, support, and improve means to realize those goals and recognize some of the members that create and share our science by awards and other means. I especially thank my predecessor, Sharon Patton, and Secretary-Treasurer George Cain for leaving the Society in a well organized and directed state.

I encourage all of you to participate in Halifax, Nova Scotia, from 1-5 August 2003 at our 78th annual meeting. Make your plans now! If you have any comments regarding our Society, please call me at 228 872 4243 or e-mail me at robin.overstreet@usm.edu. Thank you again for supporting me and others in all our endeavors.

Robin M. Overstreet

Campbell Elected Member of National Academy of Sciences of the United States



Dr. William C. Campbell, of Drew University, a past president of ASP, has been elected a member of the National Academy of Sciences of the U.S.A. The Academy is based in Washington DC, and membership is considered one of the highest honors conferred on an American scientist.

Campbell has been a member of the Research Institute of Scientists Emeriti (RISE) at Drew since 1990. Prior to joining the University he was for many years a member of the Parasitology department at Merck & Co., Inc., becoming Director in 1966. His studies on the biology and chemotherapy of parasitic diseases have appeared in 175 scientific papers, and he has edited four books. He was involved in the discovery of several antiparasitic drugs, including thiabendazole, rafoxanide, cambendazole, clorsulon, ivermectin and eprinomectin. The best known of these, ivermectin, is widely used to control roundworms and ectoparasites of domestic animals. In addition to his direction of the basic parasitological investigation of the compound, Campbell played a key role in demonstrating its ability to prevent heartworm disease in dogs, and in recognizing its potential for the prevention of onchocerciasis (River Blindness) in humans. Following extensive clinical development by Merck & Co., Inc., and the World Health Organization, the drug was donated by Merck & Co., Inc. for that purpose and has been used extensively.

The RISE program at Drew, believed to be the only one of its kind in the nation, offers undergraduates an opportunity to engage in research under the supervision of distinguished, recently-retired industrial scientists. In addition to mentoring students, Dr. Campbell teaches courses in parasitology and in the history of biomedical sciences.

ASP members:

Following is an important alert message from Marty Apple of the Council of Scientific Society Presidents. It took awhile to get to me, but there is still time for action. Please contact members of the Appropriations Committees (list attached) by fax. Thanks.

Regards, Larry Roberts

We at CSSP wish you all a very happy holiday season and wonderful new year! Unfortunately, this is a time of multiple uncertainties. One of these uncertainties is the federal funding that will ensure the robust future of the national science enterprise that we all strive to ensure.

We all know examples of how science saves lives, creates jobs, ensures our security. We know from public opinion polls that 4/5 of the public supports basic research even if there isn't an immediate payoff, that 86% think the US should remain a world leader in scientific research, 94% believe that science and engineering research is important to their own state economy, and 90% believe that scientific research is very important to countering bioterrorism.

A dozen major unusual events have led to this new situation: the 107th Congress adjourned without passing either a Budget or 11 of its 13 required 2003 spending (appropriation) bills. The government is temporarily funded by a special resolution for several weeks. The new 108th Congress starts Jan 6 and the next (2004) federal Budget will be proposed within a month.

We've supported NIH increases and the NSF doubling bill was just signed into law yesterday, but it is not a spending bill, and other agencies supporting science have not fared well. Many increases in science funding were in various stages of finality when the 107th Congress ended. The slate is now clean and we start over in the 108th Congress. In a nutshell, within 2-4 weeks the real key decisions on both the 2003 and 2004 federal funding for science will be made in Washington.

The reality is that the federal spending is way out of balance with the tax cuts already passed, and huge deficits, more tax cuts, and a possible war loom ahead. Over 4/5 of the \$2 trillion federal budget are in entitlements, debt interest, & military expenditures. The rest is what funds most of what we think of as government functions and, of course science. Proposals for homeland security are about \$45 billion. In order to ensure a chance that the funding for science, not a priority for this administration in many areas, is not lost in the shuffle, and damaged for a long time by setting a new trend line of annual cuts, we need to focus the attention of the White House and new Congress now, before the other events take all their attention, on the national need to keep a strong and vigorous science enterprise.

We believe that you must communicate with your members of the House and Senate who are leaders in the subcommittees that appropriate science funds, and White House, now to express your own opinion.

Be friendly, brief, focused, clear....ASK FOR THEIR SUPPORT. Relate the "why?" to how federally funded research helps your state. Say why you think growth in science investment by the federal government is important. Cookie cutter messages are usually useless, and few pieces of mail are delivered in DC these days. E-mail from constituents is tallied, but not potent. We suggest you use 1-page faxes to their offices and prepare a 1 minute speech for personal phone calls, local ones now and DC ones after January 6th.

Your success or failure in being active and convincing now may well set the course for our future.

A suggested list of federal contacts is attached (RTF). There is still uncertainty about who will be in the 108th appropriations sub- committees, especially in the Senate, so this list will need to be updated.

Carpe Diem.
MARTY

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An Open Letter to the ASP Membership

Dear ASP Members/Advisors:

At the ASP meeting in Vancouver last August, outgoing President Sharon Patton challenged the Society to increase its membership to the level we had enjoyed in May of 1999 (1200+). As many of you know the Society has been losing members steadily over the last several years. Part of this attribution can be directly related to us, the advisors. Many of our students, some who present papers at the annual meeting, are not active members of the Society! As a young aspiring scientist in the lab of Jerry Esch back in the old days, the first thing that we all had to do was to join ASP. His challenge was to become a member so that we could have a say in how the Society was run and a vote in who ran the Society. Sadly, I must say, many of us are no longer taking that approach and the Society's membership has suffered as a result. Now, I am not so naïve as to think that that is the only reason for our decline in members, but it is one aspect of the attrition that we can correct immediately.

In addition, to this loss of graduate student membership, the "new blood" I call them, we have lost some of the parasite specialists. Many of us who work in the molecular and/or systematics areas have opted to go to smaller regional or even national meetings of other societies because the technique and the tools that we use are molecular in nature. We need to encourage these folks to reexamine the Journal. What they will see is a variety of different types of molecular and/or systematics papers filling the pages of the Journal. We have a Journal that is excellent, diverse in the types of papers that are published in it and one with a turnaround time from submission, review, acceptance and publication that is equal to, or better than, many of our competitors.

Perhaps, the Society should offer these folks a joint membership at a cost that is affordable and that will encourage these folks to "re-up" with ASP.

Finally, we need to recruit our fellow scientists from other parts of the world, i.e., South America and Africa, in part, to join our ranks. We already offer a Group membership category where several members of a faculty or institute can join together and the group gets one subscription to the Journal. Perhaps this sort of opportunity needs to be made more widely known.

As with the Vancouver meeting, there will be table setup in Halifax next August for those who have let their membership lapse, or who have never joined the Society.

I hope that you have a good year and I expect to see all of you at the Halifax meeting in August. We must keep this Society alive and your help is both needed and appreciated in this endeavor.

Thank you.

Sincerely,
Herman Eure,
Chair Membership Committee HE/cd

Henry Baldwin Ward Medal Nominations Sought

The ASP Henry Baldwin Ward Medal Awards Committee invites nominations for the Henry Baldwin Ward Medal. Rules governing eligibility for the H. B. Ward Medal are as follows: the recipient shall be a member of the Society for no less than three years at the time of the nomination and in mid-career, and who, by self-directed investigations, shall have attained a position of leadership in some aspect of parasitological research.

The field of Parasitology is considered to include, in general, those aspects of the science that are represented by reports published in the official organ of the Society, The Journal of Parasitology. The award consists of a special bronze medal designed by Dr. Justus F. Mueller, a cash award of \$1,000, and a certificate. In accordance with the action of ASP Council, the following are the requirements for nomination: 1) Members in good standing, who nominate candidates for the Henry Baldwin Ward Medal, should carefully determine the eligibility of their candidate according to the above eligibility rules. 2) Nominations for the Henry Baldwin Ward Medal should be supported by the sufficient documentation to enable the Awards Committee to exercise critical evaluation. At the least, this documentation should consist of: (a) a complete Curriculum vitae providing a bibliography in which the authors are listed in the same sequence as the published papers, and (b) three supporting letters, including the original nominating letter. These letters should include a serious evaluation of the major aspects of the nominees scientific work.

In order to conform with ASP Council's wish to provide more lead time for the recognition for the recipients of the H.B. Ward Medal, and thus that the recipient of the Medal be announced at the end of the meeting prior to that at which the Medal is actually awarded, this year the committee is requesting nominations for BOTH the 2003 and 2004 Medals.

**NOMINATIONS OF MEDALISTS FOR BOTH 2003 AND 2004 WILL CLOSE
FEBRUARY 14, 2003.**

Please send nominations and supporting documentation to:

Janine Caira,
Department of Ecology & Evolutionary Biology
Unit 3043,
75 N. Eagleville Rd.
Storrs, CT, USA 06269-3043.

Calling for nominations for the Ashton Cuckler New Investigator Award.

Eligibility:

1) Given to a new investigator who has, within the last 2 years, been awarded a Masters or Doctoral degree in the area of Parasitology. Selection will be based upon the body of research accomplished during the candidate's graduate studies. This "body of research" will be documented through (a) peer-reviewed journal or book publications directly related to research conducted in pursuit of and contained in the accepted graduate student thesis or dissertation, (b) other peer-reviewed journal publications unrelated to the thesis or dissertation work, but derived from research conducted as a graduate student, (c) papers and/or posters presented at scientific meetings as a graduate student, (d) any outside recognition of research excellence which may include, but not restricted to best student paper awards, dissertation improvement grants, student-initiated research grant support and the like. The achievements under consideration for the New Investigator Award must have occurred during the immediate five years surrounding the awarding of the degree for which the candidate is nominated, e.g., five years before, four years before and one year after, or three years before and two years after.

2) Nominations must be made within two years following awarding of the Masters or Doctoral degree, and the nominee must be a member of ASP at the time the award is made.

3) The required documents for award consideration are: (a) Nominating letter by the student's graduate advisor critically evaluating the quality and significance of student's research. Note: the advisor must be a member of ASP at the time of nomination. (b) A list of at least five individuals who are qualified to review the contributions of the nominee. The names, addresses, telephone number and e-mail addresses should accompany the dossier. (c) The Nominee will provide eleven copies of the following documentation: i) letter providing a self-evaluation of research accomplishments; ii) thesis/dissertation abstract (two pg limit); iii) curriculum vitae; and iv) reprints or copies of all research publications (published or in press) produced during the time frame defined in 1(d) above. In the case of multi-authored papers (more than two authors), the nominator should explain the role of the nominee in the research under consideration

Please send complete nomination packets no later than March 04, 2003 to :

Rebecca A Cole,
USGS, NWHC
6006 Schroeder RD
Madison WI 53711
608-270-2468
rebecca_cole@usgs.gov

Positions Available

Predoctoral And Postdoctoral Fellows Respiratory Neurobiology Training Program University Of Wisconsin

The Respiratory Neurobiology Training Program at the University of Wisconsin seeks highly qualified candidates interested in predoctoral and postdoctoral training in integrative respiratory neurobiology and airway control. Emphasis areas include: respiratory neuroplasticity, sleep disordered breathing, hypoxia-induced gene expression, and cardio-respiratory responses to physiological stimuli. Trainers include:

... **Gordon S. Mitchell**, PhD, program director—neuroplasticity induced by intermittent hypoxia, neural injury and exercise.

... **Mary Behan**, PhD-age and gender effects on respiratory control.

... **Gerald E. Bisgard**, DVM, PhD-developmental plasticity in the carotid body.
... **Jerome A. Dempsey**, PhD-cardiorespiratory regulation in humans.
... **Marlowe Eldridge**, MD-cardiopulmonary responses to hypoxia in humans.
... **Krista Graven**, MD-hypoxia-induced gene expression.
... **Nizar Jarjour**, MD-airway smooth muscle control in humans.
... **Stephen M. Johnson**, MD, PhD-respiratory rhythm generation and plasticity.
... **Albee Messing**, DVM, PhD-hypoxia-sensitive channels in mutant mice.
... **Barbara Morgan**, DPT, PhD-cardiorespiratory responses during sleep.
... **James Skatrud**, MD-mechanisms of sleep-disordered breathing.
... **Curtis A. Smith**, PhD-ventilatory control during sleep.
... **John Svaren**, PhD-transcriptional regulation by hypoxia.
... **Edward H. Vidruk**, PhD-neurobiology of breathing during sleep.

Please see our web site at: www.vetmed.wisc.edu/cbs/mitchell/rntp/index.htm. Because these positions are funded through an NIH training grant, only American citizens or permanent residents are eligible. Applicants should send *curriculum vitae*, brief description of research interests and the names/telephone numbers of three references to: Gordon S. Mitchell, Professor and Chair, Department of Comparative Biosciences, University of Wisconsin, 2015 Linden Drive, Madison, WI, USA, 53706 (Mitchell@svm.vetmed.wisc.edu).

The University of Wisconsin is an equal opportunity/affirmative action

Museum Looking for Several Department Directors

Announcement of Position Openings at the
French National Museum of Natural History in Paris

See: <http://www.mnhn.fr/candidature/index.html>

Documentation: ([word document](#))

e-mail: hugot@cimrs1.mnhn.fr

WWW Access: <http://www.mnhn.fr/base/collvers.html>

<http://www.mnhn.fr/mnhn/meo/>

Postdoctoral Position University of California at San Diego

To study molecular and cellular biology and pathogenesis of *Giardia lamblia*: *Giardia* is a major cause of waterborne intestinal disease and is also of basic biological interest as one of the earliest known eukaryotic organisms, with both prokaryotic and eukaryotic properties. *Giardia* is also a valuable model for study of the prokaryotic-eukaryotic divergence and we are actively involved in biological aspects of a giardial genome project.

Requirements: Experience in molecular biology and preferably biochemistry and cell biology.

Frances D. Gillin, Ph. D.

Professor of Pathology and Infectious Diseases

Member, Center for Molecular Genetics

email: fgillin@ucsd.edu

http://medicine.ucsd.edu/molpath/faculty/gillin_f/

For information or to apply, please contact Dr. Gillin by email

Current references and interview are needed.

Graduate Research Assistantship on Perkinsus

A graduate research assistantship is available to conduct research on a NSF-sponsored project involving the investigation of lipid metabolism in a oyster protozoan parasite, *Perkinsus marinus* relative to its host, the eastern oyster, *Crassostrea virginica*. This project employs advanced analytical technology and molecular and genomic approaches to elucidate the lipid metabolism in the parasite and its relation to the parasite's development, life cycle completion, disease transmission, and virulence and pathogenesis of the host. We are seeking a highly motivated, enthusiastic and experienced student who is interested in lipid biochemistry and parasitology and is capable of conducting both lab and field research. Applicants with experience in molecular techniques (e.g., gene cloning and expression, hybridization, PCR) and HPLC and GC analytical methodology will be given first consideration. This assistantship is suited for a student at either Master or Doctoral level. Candidate must qualify for admission to the School of Marine Science, College of William and Mary. A complete application, including statement of interest, resume, transcripts, GRE scores, (TOEFL scores for foreign student), and three letters of recommendation must be received by the Graduate Office, School of Marine Science, College of William and Mary no later than January 15, 2003. Please check our website (<http://www.vims.edu/>) to find out and know more about the graduate program of the School of Marine Science, College of William and Mary.

For more information, contact:

Fu-Lin E. Chu
Professor of Marine Science
Department of Environmental and Aquatic Animal Health
School of Marine Science
College of William and Mary
Gloucester Point, VA 23062
Phone: 804-684-7349
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Co-chair: Dr. Mark Siddall, Siddall@amnh.org, Division of Invert Zool, AMNH, Central Park at 79th Street, New York, NY 10024, 212-769-5638

"Diagnostic Parasitology Course" is being offered July 28 - August 8, 2003, at the Uniformed Services University of the Health Sciences, Bethesda, MD 20814-4799. This course will consist of a series of lectures and hands-on laboratory sessions covering the diagnosis of parasitic infections of humans. In addition to the examination of specimens, participants will be able to practice various methods used in the diagnosis of intestinal, blood, and tissue parasitic diseases. Parasitic diseases encountered throughout the world will be included. Slide presentations and video tapes will be available for study. The course will be held on the University's campus, utilizing up-to-date lecture rooms and laboratory facilities. Microscopes will be available on a loan basis and laboratory supplies will be provided. Certain reference specimens will also be available for personal use.

The registration fee for the two-week course is \$1200. Those interested should register as soon as possible as the number of students will be limited. Previous laboratory experience is recommended.

For further information contact Dr. John H. Cross (301) 295-3139; FAX: (301) 295-1971; email jcross@usuhs.mil.

Inaugural Northeast Ecology and Evolution Conference (NEEC) Rutgers University April 11-13, 2003

Dear fellow scientists,

You are invited to participate in the Inaugural Northeast Ecology and Evolution Conference (NEEC) hosted by Rutgers University this spring, April 11-13, 2003.

The members of the Rutgers University Ecology & Evolution Graduate Student Association invite advanced undergraduate students, graduate students, and post-doctoral fellows in ecology, evolution, or related fields from the northeastern United States to submit abstracts for oral or poster presentations for the First Annual Northeast Ecology & Evolution Conference (NEEC). Abstract submission forms and additional information are at <http://www.eden.rutgers.edu/~ecogsa/neec2003.htm>.

Abstract submission deadline is midnight March 3, 2003.

NEEC is modeled after the successful meeting (MEEC) held annually by our colleagues in the Midwestern United States for 23 years. We anticipate NEEC will be an annual meeting with organizational responsibilities changing each year. We intend for the NEEC to be an excellent opportunity for ecology & evolution students from colleges, universities and research centers in the northeast to meet, socialize and network.

The First Annual NEEC will be held at Rutgers University in New Brunswick, which is located in the heart of New Jersey, and is easily accessible by car, bus, train or airplane. New Brunswick is located between New York City and Philadelphia and only an hour by car from the Appalachian Mountains, Jersey shore, and the New Jersey Pine Barrens.

Registration is \$30, which includes two days of presentations, the Plenary Session, and a catered dinner following the evening plenary at the Rutgers Club. Our Plenary Keynote Speaker will be Dr. David Orr.

Dr. Orr is a well respected and internationally recognized conservationist, ethicist, and scientist and is the author of many books, including the bestsellers *Earth in Mind* and *Ecological Literacy*. Dr. Orr is chair of the environmental studies program at Oberlin College and education editor of the journal *Conservation Biology*. He will be speaking at the evening plenary session on Saturday, April 12th.

NEEC is committed to providing a low cost, low stress forum for young scientists to present papers at professional meetings and we aim to foster a high profile. Abstracts will be available at the conference in a published volume. Please register and submit abstracts soon as organizational deadlines are fast approaching.

Registration, abstract submission forms, and travel/lodging information are all available online at the conference website: <http://www.eden.rutgers.edu/~ecogsa/neec2003.htm>

or send an email to ecogsa@eden.rutgers.edu .
Please forward this email to all interested parties.
We look forward to meeting you,

Timon McPhearson and Myla Johnson
NEEC Advertising Committee Chairs

FINAL CALL PROCEEDINGS OF THE 10th INTERNATIONAL CONGRESS OF PARASITOLOGY (ICOPA X)

Vancouver, British Columbia, Canada
4-9 August 2002

The **American Society of Parasitologists** (ASP) is proud to announce that the *Proceedings of the 10th International Congress of Parasitology* (ICOPA X) will be published as a Supplement to the *Journal of Parasitology*. Some 40 participants in the plenary and sub-plenary sessions have contributed to this volume. The papers have already been edited and returned to Allen Press for final processing. I (GWE), as Editor of the *Journal*, have read all of them. I am absolutely convinced they will be invaluable sources of information for both teaching and research. The anticipated date of publication will be April of 2003.

The Supplement was **not** included as part of the registration fee charged for ICOPA X. Members of the ASP who wish to obtain the Supplement will be charged \$(US) 15 + \$5 for handling and mailing. All others will be charged \$(US) 25 + \$5 for handling and mailing. It is not the intention of the ASP to make a profit on printing and mailing of the Supplement, but simply to recoup as much of the printing, handling, and mailing costs as possible.

Purchase of the Supplement may be made by contacting Allen Marketing and Management, 810 East 10th Street, Lawrence, Kansas 66044. Phone: 1-800-627-0629, FAX: 785-843-1274, or email: asp@allenpress.com

Include a check or money order made out to the American Society of Parasitologists. You also may choose to pay by Visa or Master Card. If you use the latter method, complete the following information:

Print your name: _____

Card number: _____

Visa: _____ Master Card: _____ Date of card's expiration: _____

Your signature: _____

Whether you pay by credit card, or not, we will need a mailing address, so please include it.

Name: _____

Mailing address: _____

ICOPA-X Table of Contents

ACKNOWLEDGMENTS

PREFACE

An Introduction to ICOPA X. M.D.B. BURT

EMERGING PARASITIC DISEASES

Drivers of Emergent Parasitic Diseases. D. H. MOLYNEUX

Irrigation and Mosquito-Borne Diseases. F. P. AMERASINGHE
 The Leishmaniasis as Models of Emerging Disease. R. W. ASHFORD
 The Human-Wildlife-Domestic Animal Interface Provides Exciting Research Opportunities for Parasitologists.
 P. A. CONRAD, M. MILLER, A. M. KJEMTRUP, W. A. SMITH, and I. A. GARDNER
 Anthropogenic Change, Biodiversity Loss, and a New Agenda for Emerging Diseases
 P. DASZAK and A. A. CUNNINGHAM
 Neosporosis in Cattle. J. P. DUBEY
 Human Water-Borne Parasites in Molluscan Shellfish. T. K. GRACZYK
 The Epidemiology of Re-emerging Malaria. I. M. HASTINGS
 Wildlife, Climate and Politics: Possible Causes of the Recent Increases in Tick-Borne Zoonoses. S. E.
 RANDOLPH

BIODIVERSITY, ECOLOGY, AND EPIDEMIOLOGY

Parasite Systematics in the New Age of Discovery. D. R. BROOKS
 Pathogen Pollution: Defining a Parasitological Threat to Biodiversity Conservation. A. A. CUNNINGHAM, P.
 DASZAK, and J. P. RODRÍGUEZ
 Arctic Biodiversity: From Discovery to Faunal Baselines-Revealing the History of a Dynamic Ecosystem. E. P.
 HOBERG, S. J. KUTZ, K. E. GALBREATH, and J. COOK
 Evolutionary Ecology of Trophically Transmitted Parasites. A. M.
 KURIS
 Is Disease Increasing or Decreasing and Does it Impact or Maintain Biodiversity? K. D. LAFFERTY
 Food Webs and Biodiversity: Are Parasites the Missing Link? D. J.
 MARCOGLIESE
 Pathogens in Patches: Effects of Habitat Fragmentation on the Impact of Disease. H. McCALLUM
 Comparative Epidemiology of Ectoparasitism. S. MORAND
 Biodiversity and Biogeographic Patterns in the Mesa Central of México: Insights From Host-Parasite Systems.
 G. PÉREZ-PONCE de LEÓN
 Molecular Epidemiology of *Giardia* and *Cryptosporidium* Infections. R. C. ANDREW THOMPSON

IMMUNOBIOLOGY

Vaccines Against the Salmon Lice (*Lepeophtheirus salmonis*) – A Holy Grail or Just Around the Corner? I. R.
 BRICKNELL, H. E. HAYES, P. BILLINGSLEY, A. J. VIGNEAU, C. SOMMERVILLE, and R. S.
 RAYNARD
 Molecular Pathogenesis of Hookworm Anemia: Prospects for a Disease-Based Vaccine. M. CAPPELLO, L.
 M. HARRISON, R. D. BUNGIRO, R. C. CHADDERDON, A. MILSTONE, A. NERLINGER, and P.
 KUZMIC
 dsRNAs of *Cryptosporidium*. N. V. KHRAMTSOV and S. J.
 UPTON
 Role of Host Phosphotyrosine Phosphatase SHP-1 in the Development of Leishmaniasis. M. OLIVIER, N.
 RACETTE, J. BLANCHETTE, C. MATTE, H. KAUR, I. HARDY, J.-F. MARQUIS, and G. FORGET
 Translational Control of Stage-Specific Gene Expression in the Intracellular Form of *Leishmania*. B.
 PAPADOPOULOU, N. BOUCHER, F. McNICOLL, Y. WU, M. DUBÉ, Y. EL-FAKHRY, and X. F.
 HUANG
 Pathways for Amebic Induction of Inflammation and Programmed Cell Death. S. L. STANLEY, Jr.
 Vaccination Against Bovine Neosporosis – The Challenge Is the Challenge. A. J. TREES and D. J. L. WILL-
 IAMS
 Assessment of the Efficacy of Helminth Vaccines. J. VERCRUYSSSE and E. CLAEREBOUW

CONTROL OF PARASITISM

Parasite Control in Agriculture: Back to the Future. I. A. BARGER
 Breeding for Gastrointestinal Nematode Resistance in Sheep – Panacea or Patch? S. J. EADY
 Strategies for Anti-Filarial Drug Development. M. A. KRON, L. A. KUHN, P. C. SANSCHAGRIN, M.
 HARTLEIN, M. GROTLI, and S.
 CUSACK
Wolbachia Endosymbionts: Implications for the Control of Filarial Diseases and Arthropod Vectors. C.
 GENCHI, M. MORTARINO, and S. L. O'NEILL
 Challenges and Opportunities in the Integrated Control of Parasites: The Example of Ticks and Tick-Borne
 Diseases. P. WILLADSEN, and D. KEMP

FEEDING THE 21st CENTURY POPULATION-PARASITES IN FOOD PRODUCTION AND DISTRIBUTION

Challenges to Food Production in the Aquatic Environment: Protistan Parasites that Affect Molluscan Aquaculture. S. M. BOWER and S. E. McGLADDERY

Potential Disease Problems Due to Parasites in Species of Marine Fish New to Mariculture. K. MacKENZIE and W. HIMMINGSEN

Parasites in a Global Village: Food, Emerging Diseases and Evolution. R. POULIN

Parasite Problems in Organic Livestock Production Systems and Options for Control. S. M. THAMSBORG and A. ROEPSTORFF

CONCLUDING REMARKS G. W. ESCH

Recent Publications Regarding Parasites in Nature

Conservation Biology: Parasites Lost, Nature *Excerpts*: Invasive species can be a real bother. They tend to reduce biodiversity, and can have adverse effects on human well-being. They report the results of surveying parasite loads of invasive plants and animals in their naturalized and native ranges. They find that parasitism is significantly reduced in organisms in the introduced range, so supporting the 'enemy release hypothesis' - the idea that species are more likely to become invasive when they are released from control by their natural enemies.

↑ **Conservation Biology: Parasites Lost**, Keith Clay, Nature 421, 585 - 586 (2003); doi:10.1038/421585a

Excerpt: To test whether introduced species are less parasitized, we have compared the parasites of exotic species in their native and introduced ranges, using 26 host species of molluscs, crustaceans, fishes, birds, mammals, amphibians and reptiles. Here we report that the number of parasite species found in native populations is twice that found in exotic populations. In addition, introduced populations are less heavily parasitized (in terms of percentage infected) than are native populations. Reduced parasitization of introduced species has several causes, including reduced probability of the introduction of parasites ().

↑ **Introduced Species And Their Missing Parasites**, Mark E. Torchin, Kevin D. Lafferty, Andrew P. Dobson, Valerie J. Mckenzie, Armand M. Kuris, Nature 421, 628 - 630 (2003); doi:10.1038/nature01346

Helminthological Society of Washington Spring Conference and Board Meeting Gettysburg College - March 28-29, 2003

Call for Plenary Session Presentations

You are invited to be a presenter at the HelmSoc **Spring Conference** at Gettysburg College in Gettysburg, Pennsylvania. This gathering provides us with an exciting opportunity to visit with friends and colleagues, plus communicate work in progress. You can enjoy the new Science Complex facilities, and of course, the Gettysburg Battlefield and town in early spring! Please take a few moments to complete this form and **return it by February 28th** to: Sherman Hendrix, Department of Biology, Gettysburg College, Gettysburg, PA 17325 or by e-mail to, shendrix@gettysburg.edu (phone: 717-337-6152; fax 717-337-6157)

An informal reception will take place at the Science Complex Friday evening March 28 with the plenary session on March 29 starting at 9:00 am. An electronic campus map and list of area accommodations will be provided. You will receive confirmation of your session within a few days of receipt, along with a tentative agenda and further details about conference events. Unfortunately, we have to charge a **registration fee of \$25.00 (\$15.00 for students)** to help cover conference costs. You may send a check with this form (preferred) or pay by check or cash when you arrive.

Name:
Affiliation:
Address:
City:
State: Zip:
Phone: e-mail:

Registration Fee (\$25.00) included? _____

Title and Abstract of Presentation (100 words or less):

(Most talks will be 15 minutes (including questions) to allow us to cover a wide range of parasitological topics).

Audio-Visual Needs:

____ PowerPoint ____slide projector ____video ____overhead projector ____ other

Note—power point programs should be on a PC compatible zip disc or CD. If possible, please **mail us the disc/CD before the conference**. Slides should be in a carousel tray.

Poster Presentation:

Let us know if you would like to give a poster presentation. If so, please get in touch with Sherm Hendrix (shendrix@gettysburg.edu) about your display. Posters should be no larger than 4' x 4'. Unfortunately, we have a fairly limited space for posters.

Poster Title and Abstract (100 words or less):

Other comments or questions?

Parasitology for Teachers

Free workshop!

If you are a middle school, high school, or college biology teacher, join us and discover how (and why, in case you are curious) to integrate parasitology into your curriculum.

Saturday, March 29, 2003

9 a.m. – 12 noon

Science Center

Gettysburg College

Gettysburg, PA

Workshop includes:

- ↑ Parasitologist apologetics: Why study worms and other such vermin?
- ↑ A binder containing curriculum materials for each participant
- ↑ Hands-on activities and demonstrations
- ↑ Refreshments provided

For more information or to register by e-mail, contact:

Sherman Hendrix
shendrix@gettysburg.edu
717-337-6152

or

Kristen.Richardson@Quinnipiac.edu

Space is limited— please register soon!

Registration Deadline: March 14, 2003

Sponsored by:

The Helminthological Society of Washington

American Society of Parasitologists

Division of Education, College of Liberal Arts, Quinnipiac University and Department of Biology, Gettysburg College

To Register, please provide:

Your name

Affiliation

Mailing address

E-mail address

Telephone number and extension

January 23, 2003

Greetings Members of the Helminthological Society of Washington and other parasitologists:

Four score and thirteen years ago, the prototypic scientific organization for parasitological research in North America was founded to provide for an association of persons interested in parasitology and to advance the science of parasitology. Today with those founding principles in mind, we are writing to inform you that the 683rd Meeting of the Helminthological Society of Washington will be held in the Science Center and McCreary Hall of Gettysburg College (Gettysburg, Pennsylvania) on March 28-29, 2003

(see http://www.gettysburg.edu/college_life/orientation/map5.htm for a map).

The college is located at the northwest corner of Gettysburg and is 80 miles north of Washington. See <http://www.gettysburg.edu/admissions/visitingcampus/directions.html> for driving directions to the campus.

The forum of this meeting will encompass a keynote address and a plenary session. We strongly encourage your to fill out the call for papers (attached) and return to Sherman Hendrix by February 28, 2003. This conference is also an excellent opportunity for students, as awards will be given for best presentations. Success of this event depends on the participation of the membership of the Helminthological Society of Washington and others interested in parasitology.

Please show your support for your society as well as your discipline by attending and participating in meeting on the 28th and 29th of March, 2003. Please return the attached registration form by the end of February. Also let us know the number of students that will be accompanying you.

Thank you.

Best Regards,

William E. Moser, President

Sherman S. Hendrix, Vice President.

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 Zoologists
 Rocky Mountain Conference of Parasitologists
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Note to Members

The ASP Newsletter welcomes news stories and articles. Please send your text electronically to Scott Gardner as an e-mail and attach as an MS Word 6.0 document. Drawings, photographs, charts, or tables can be sent as B/W TIF files at 300 dpi. Please send TIF files one at a time. A general rule is to limit photograph size to 3x5". You may attach both text and graphic files to your email message.

Scott Lyell Gardner
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